

Amendments to the Claims

Please amend the claims as shown below:

1 – 12 (canceled)

13. (currently amended) An acousto-mechanical method for monitoring and carrying out a diagnosis of a technical installation, comprising:

uniquely assigning an acoustical signal to a specific failure of a respective one of a plurality of rotatable component of the technical installation; ~~and~~

mounting a vibratory device on the plurality of components, wherein the vibratory device is configured to mechanically generate the uniquely assigned acoustic signal in the event the specific failure of a respective one of the plurality of components occurs,

providing in the vibratory device a plurality of plates;

uniquely adapting each plate to resonate at a vibration frequency in correspondence with the uniquely assigned acoustic signal and;

based on a sound characteristic produced by a plate that resonates at the uniquely assigned acoustic signal, uniquely identifying the respective one of the plurality of rotatable components of the technical installation experiencing the failure.

14. (cancelled)

15. (previously presented) The method according to claim 13, wherein a number of devices are provided for a single component or a number of devices are provided for a number of components, each device being assigned to a specific failure.

16. (previously presented) The method according to claim 13, wherein a number of devices are provided for a single component, each device being assigned to a specific failure.

17. (currently amended) An acousto-mechanical apparatus for monitoring and carrying out a diagnosis for a power plant, comprising:

a vibratory device mounted to a plurality of components of the power plant for mechanically producing a uniquely assigned acoustical signal when a specific failure occurs in a respective one of the plurality of rotatable components of the power plant, the vibratory device including a plurality of plates, each plate uniquely adapted to resonate at a vibration frequency in correspondence with the uniquely assigned acoustic signal, wherein, based on a sound characteristic produced by a plate that resonates at the uniquely assigned acoustic signal, the device allows a user to uniquely identify the respective one of the plurality of rotatable components of the technical installation experiencing the failure.

18. (cancelled)

19. (previously presented) The apparatus according to claim 17, wherein a number of devices are provided for a single component or a number of devices are provided for a number of components, each device being assigned to a specific failure.

20. (previously presented) The apparatus according to claim 17, wherein a number of devices are provided for a single component, each device being assigned to a specific failure.

21-28. (canceled)